



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

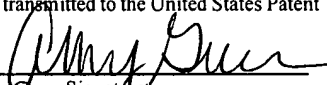
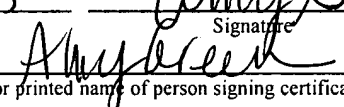
Applicant: Lawrence G. Clawson, Mark R. Hagan, Chunming Frank Qi and
William F. Northrop

Application No.: 10/012,195 Group: 1764

Filed: December 5, 2001 Examiner: Patel, Vinit H.

Confirmation No.: 5684

For: HEAT TRANSFER OPTIMIZATION IN MULTI SHELLLED
REFORMERS

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
7-8-05	
Date	Signature
	
Typed or printed name of person signing certificate	

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment and Reply to Restriction Requirement for filing in the above-identified application.

[] Small entity status of this application under 37 C.F.R. 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.

[] A Small Entity Statement to establish small entity status under 37 C.F.R. 1.9 and 1.27 is enclosed.

The claims fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA
TOTAL	50	MINUS	* 49	1
INDEP	12	MINUS	** 11	1
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				

SMALL ENTITY

	RATE	ADDIT. FEE
X \$ 25	\$	
X \$100	\$	
+ \$180	\$	

TOTAL= \$ 0

OR

OTHER THAN
SMALL ENTITY

	RATE	ADDIT. FEE
X \$50	\$	50
X \$200	\$	200
+ \$360	\$	

TOTAL= \$ 250

* not fewer than 20
** not fewer than 3

The Application Size Fee has been calculated as shown below:
(Effective for cases filed on or after December 8, 2004)

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)

SMALL ENTITY

Rate	Total Amount Owed
X \$125	\$[]

OTHER THAN
SMALL ENTITY

Rate	Total Amount Owed
X \$250	\$[]

Payment
Sufficient for
up to

[] Sheets

Petition for Extension of Time

[X] Applicant hereby petitions to extend the time to respond to the Restriction Requirement dated April 8, 2005 for two months from May 8, 2005 to July 8, 2005. The appropriate fee is set forth below.

Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/>	Petition for [] month Extension of Time	\$ _____
<input type="checkbox"/>	Claims Fee	\$ _____
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	
	_____	\$ _____
	_____	\$ _____
	TOTAL:	\$ <u>0</u>

A check is enclosed in payment of the following fees:

<input checked="" type="checkbox"/>	Petition for two month Extension of Time	\$ <u>450</u>
<input checked="" type="checkbox"/>	Claims Fee	\$ <u>250</u>
<input type="checkbox"/>	Application Size Fee	\$ _____
<input type="checkbox"/>	Other Fees:	
	_____	\$ _____
	_____	\$ _____
	TOTAL:	\$ <u>700</u>

☒ Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Kevin T. Shaughnessy
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Concord, Massachusetts 01742-9133

Dated: 7/8/05

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7-8-05 Date

Amy Green Signature

Amy Green
Typed or printed name of person signing certificate

AMENDMENT AND REPLY TO RESTRICTION REQUIREMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment and Reply to Restriction Requirement is being filed in response to the Office Action mailed from the U.S. Patent and Trademark Office on April 8, 2005 in the above-identified application. Reconsideration and further examination are requested.

An extension of time to respond to the Office Action is respectfully requested. A Petition for Extension of Time and the appropriate fee are being filed concurrently with this Amendment.

Please amend the application as follows:

07/12/2005 NNGUYEN1 00000042 10012195

02 FC:1201
03 FC:1202

200.00 OP
50.00 OP